

Amendments to the Claims:

This listing of the claims will replace all prior versions and listings of claims in the application:

Listing of Claims

1. (currently amended)A device for compression-less transmission~~ting~~ of video data and decompression-less production of video data, comprising:

a host device;

a remote device; and

a data link between the host device and the remote device~~[[,]]~~; wherein said host device comprises an adjusting mechanism to reduce the data rate of video data transmitted from a video data source to the host device by reducing an original~~[[the]]~~ frame rate by n-1 frames out of every n frames of the video data, which enables the host device to transmit the video data at the reduced data rate to the remote device via the data link~~[[.]]~~; and wherein the remote device reproduces a frame up to n times to substantially restore the original frame rate.

2. (previously presented)The device of claim 1, wherein the adjusting mechanism comprises a first frame buffer and buffer control mechanism provided such that every nth frame to be transmitted via the data link is grabbed from the video data and stored in said first frame buffer.

3. (previously presented)The device of claim 1, wherein the adjusting mechanism comprises an information storage device that stores information used by the video data source to adjust the frame rate of the video data supplied by the video data source.

4. (currently amended)The device of claim 3~~[[2]]~~, wherein the video data source is preferably a computer comprising:

a graphics unit capable of generating a video data stream which is transmitted to the host device; and

a DVI, a DFP interface and/or a P&D interface to enable connection of the adjusting mechanism to the graphics unit.

5. (previously presented)The device of claim 1, wherein the data link comprises an electrical and/or optical connection.
6. (previously presented)The device of claim 5, wherein the data link is a serial data link.
7. (previously presented)The device of claim 1, wherein the remote device comprises a second frame buffer where frames of the video data received via the data link are stored.
8. (previously presented)The device of claim 7, wherein the second frame buffer is a double buffer memory.
9. (currently amended)The device of claim 7, wherein the remote device comprises a frame rate conversion unit which reads frames from the second frame buffer according to a predetermined frame rate to reproduce a frame up to n times to substantially restore the original frame rate.
10. (cancelled)
11. (previously presented)The device of claim 1, wherein the host device and the remote device are provided such that, in addition to the video data, control data may be transmitted via the data link.
12. (currently amended)A compression-less method of transmitting video data through a data link between a host device and a remote device and decompression-less production of video data, said host device reducing the data rate of the video data by reducing an original[[the]] frame rate by n-1 frames out of every n frames of said video data, so as to enable transmission of the video data via said data link to the remote device at the reduced data rate[[.]];and wherein the remote device reproduces a frame up to n times to substantially restore the original frame rate.
13. (previously presented)The method of claim 12, wherein the host device grabs every nth frame to be transmitted via the data link from the video data and stores it.

14. (previously presented)The method of claim 12, wherein information for adjusting the frame rate of the video data supplied by a video data source is transmitted from the host device to the video data source.

15. (previously presented)The method of claim 12, wherein the video data are transmitted by electrical and/or optical means via the data link.

16. (previously presented)The method of claim 15, wherein the video data are transmitted as a serial video data stream via the data link.

17. (currently amended)The method of claim 12, wherein the remote device stores frames of the video data received via the data link, said stored frames being read out according to a predetermined frame rate and displayed on a screen, reproducing a frame up to n times to substantially restore the original frame rate.

18. (previously presented)The method of claim 12, wherein, in addition to the video data, the host device and the remote device transmit control data via the data link.

19. (new) The device of claim 1, wherein the remote device reproduces a frame more than n times to produce a frame rate greater than the original frame rate.

20. (new) The method of claim 12, wherein the remote device reproduces a frame more than n times to produce a frame rate greater than the original frame rate.

21. (new) The device of claim 1, wherein information concerning a reduced frame rate is sent to the remote device and used for restoring or increasing the original frame rate.